

SEQUENCE LISTING

<110> AJINOMOTO Co., Inc.

<120> Restorative composition and food

<130> PH-2322PCT

<150> JP2004-048417

<151> 2004-2-24

<160> 3

<170> PatentIn version 3.1

<210> 1

<211> 247

<212> PRT

<213> Glycine max

<400> 1

Asp Lys Leu Pro Glu Ser Val Asp Trp Arg Lys Glu Gly Ala Val Pro

1 5 10 15

Pro Val Lys Asp Gln Gly Gly Cys Gly Ser Cys Trp Ala Phe Ser Ala

20 25 30

Ile Gly Ala Val Glu Gly Ile Asn Lys Ile Val Thr Gly Glu Leu Ile

35

40

45

Ser Leu Ser Glu Gln Glu Leu Val Asp Cys Asp Thr Gly Tyr Asn Glu

50

55

60

Gly Cys Asn Gly Gly Leu Met Asp Tyr Ala Phe Glu Phe Ile Ile Asn

65

70

75

80

Asn Gly Gly Ile Asp Ser Glu Glu Asp Tyr Pro Tyr Arg Gly Val Asp

85

90

95

Gly Arg Cys Asp Thr Tyr Arg Lys Asn Ala Lys Val Val Ser Ile Asp

100

105

110

Asp Tyr Glu Asp Val Pro Ala Tyr Asp Glu Leu Ala Leu Lys Ala

115

120

125

Val Ala Asn Gln Pro Val Ser Val Ala Ile Glu Gly Gly Arg Glu

130

135

140

Phe Gln Leu Tyr Val Ser Gly Val Phe Thr Gly Arg Cys Gly Thr Ala

145

150

155

160

Leu Asp His Gly Val Val Ala Val Gly Tyr Gly Thr Ala Asn Gly His

165

170

175

Asp Tyr Trp Ile Val Arg Asn Ser Trp Gly Pro Ser Trp Gly Glu Asp

180

185

190

Gly Tyr Ile Arg Leu Glu Arg Asn Leu Ala Asn Ser Arg Ser Gly Lys

195

200

205

Cys Gly Ile Ala Ile Glu Pro Ser Tyr Pro Leu Lys Asn Gly Pro Asn

210

215

220

Pro Pro Asn Pro Gly Pro Ser Pro Pro Ser Pro Val Lys Pro Pro Asn

225

230

235

240

Val Cys Asp Asn Tyr Tyr Ser

245

<210> 2

<211> 247

<212> PRT

<213> Glycine max

<400> 2

Asp Lys Leu Pro Asp Ser Val Asp Trp Arg Lys Glu Gly Ala Val Pro
1 5 10 15

Pro Val Lys Asp Gln Gly Gly Cys Gly Ser Cys Trp Ala Phe Ser Ala
20 25 30

Ile Gly Ala Val Glu Gly Ile Asn Lys Ile Val Thr Gly Glu Leu Ile
35 40 45

Ser Leu Ser Glu Gln Glu Leu Val Asp Cys Asp Thr Gly Tyr Asn Gln
50 55 60

Gly Cys Asn Gly Gly Leu Met Asp Tyr Ala Phe Glu Phe Ile Ile Asn
65 70 75 80

Asn Gly Gly Ile Asp Ser Asp Glu Asp Tyr Pro Tyr Arg Gly Val Asp
85 90 95

Gly Arg Cys Asp Thr Tyr Arg Lys Asn Ala Lys Val Val Ser Ile Asp
100 105 110

Asp Tyr Glu Asp Val Pro Ala Tyr Asp Glu Leu Ala Leu Lys Lys Ala
115 120 125

Val Ala Asn Gln Pro Val Ser Val Ala Ile Glu Gly Gly Arg Glu
130 135 140 .

Phe Gln Leu Tyr Val Ser Gly Val Phe Thr Gly Arg Cys Gly Thr Ala
145 150 155 160

Leu Asp His Gly Val Val Ala Val Gly Tyr Gly Thr Ala Lys Gly His
165 170 175

Asp Tyr Trp Ile Val Arg Asn Ser Trp Gly Ser Ser Trp Gly Glu Asp
180 185 190

Gly Tyr Ile Arg Leu Glu Arg Asn Leu Ala Asn Ser Arg Ser Gly Lys
195 200 205

Cys Gly Ile Ala Ile Glu Pro Ser Tyr Pro Leu Lys Asn Gly Pro Asn
210 215 220

Pro Pro Asn Pro Gly Pro Ser Pro Pro Ser Pro Val Lys Pro Pro Asn

225

230

235

240

Val Cys Asp Asn Tyr Tyr Ser

245

<210> 3

<211> 222

<212> PRT

<213> *Bacillus licheniformis*

<400> 3

Ser Val Ile Gly Ser Asp Asp Arg Thr Arg Val Thr Asn Thr Thr Ala

1

5

10

15

Tyr Pro Tyr Arg Ala Ile Val His Ile Ser Ser Ser Ile Gly Ser Cys

20

25

30

Thr Gly Trp Met Ile Gly Pro Lys Thr Val Ala Thr Ala Gly His Cys

35

40

45

Ile Tyr Asp Thr Ser Ser Gly Ser Phe Ala Gly Thr Ala Thr Val Ser

50

55

60

Pro Gly Arg Asn Gly Thr Ser Tyr Pro Tyr Gly Ser Val Lys Ser Thr
65 70 75 80

Arg Tyr Phe Ile Pro Ser Gly Trp Arg Ser Gly Asn Thr Asn Tyr Asp
85 90 95

Tyr Gly Ala Ile Glu Leu Ser Glu Pro Ile Gly Asn Thr Val Gly Tyr
100 105 110

Phe Gly Tyr Ser Tyr Thr Ser Ser Leu Val Gly Thr Thr Val Thr
115 120 125

Ile Ser Gly Tyr Pro Gly Asp Lys Thr Ala Gly Thr Gln Trp Gln His
130 135 140

Ser Gly Pro Ile Ala Ile Ser Glu Thr Tyr Lys Leu Gln Tyr Ala Met
145 150 155 160

Asp Thr Tyr Gly Gly Gln Ser Gly Ser Pro Val Phe Glu Gln Ser Ser
165 170 175

Ser Arg Thr Asn Cys Ser Gly Pro Cys Ser Leu Ala Val His Thr Asn
180 185 190

Gly Val Tyr Gly Gly Ser Ser Tyr Asn Arg Gly Thr Arg Ile Thr Lys

195

200

205

Glu Val Phe Asp Asn Leu Thr Asn Trp Lys Asn Ser Ala Gln

210

215

220